GenCore version 5.1.6 Copyright (c) 1993 - 2004 Compugen Ltd.

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Perfect score:
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2: /cgm2_6/ptodata/2/iaa/5B_COMB.pep:*

3: /cgm2_6/ptodata/2/iaa/6A_COMB.pep:*

4: /cgm2_6/ptodata/2/iaa/6B_COMB.pep:*

5: /cgm2_6/ptodata/2/iaa/PCTUS_COMB.pep:*

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APPLICANT: Farries, Timothy C.
APPLICANT: Harrison, Richard A.
APPLICANT: Harrison, Richard A.
TITLE OF INVENTION: Down-regulation Resistant C3
PILE REFERENCE: 4-30443/A/IMU/PCT
CURRENT APPLICATION NUMBER: US (09/142,334)
CURRENT FILING DATE: 1999-04-15
EARLIER APPLICATION NUMBER: PCT/GB97/00603
EARLIER APPLICATION NUMBER: PCT/GB97/00603
EARLIER OF SEQ ID NOS: 35
NUMBER OF SEQ ID NOS: 35
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 22
FINATURE: Patentin Ver. 2.0
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Patent No. 6268488
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Best Local Similarity
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LENGTH: 1663
TYPE: PRT
ORGANISM: Homo sapiens
19-142-334-22
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STRANDEDNESS: sir-
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REGISTRATION NUMBER: 31,321
REFERENCE/DOCKET NUMBER: 10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
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APPLICATION NUMBER: US/01
PILING DATE: 07-PEB-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOPTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/132,271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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CLASSIFICATION:
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PLICANT: Farries, Charles Timothy
TLB OF INVENTION: MODIFIED HUMAN C3 PROTEINS
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APPLICATION NUMBER: US 08/043,74

FILING DATE: 07-APR-1993

ATTORNEY AGENT INFORMATION:

NAME: 0510n, No. 5773243man F.

REGISTRATION NUMBER: 24,618

REFERENCE/DOCKET NUMBER: 1126-10

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
                                                                                                                                                        MOLECULE TYPE:
ORIGINAL SOURCE
                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 21 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy
COMPUTER: IBM PC com
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TELEX: 248855 OPAT UR
TELEX: 248856 OPAT UR
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                                                     Local Similarity 100.0%; Pred. No. es 17; Conservative
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                                                                                                                                                                                    TOPOLOGY:
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STATE: Virginia
                                                                                                                                         ORGANISM:
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                                                                                                                                       Homo sapiens
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US-08-447-411-60

Sequence 60, Application US/08447411
Patent No. 5773243
GENERAL INFORMATION:

APPLICANT:

FRITZINGER, DAVID C.

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Result
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Perfect score:
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seq length: 2000000000
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1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*

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6: /cgn2_6/ptodata/2/iaa/backfIles1.pep:*
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              511, Appli
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	12840, A	24264, A	13124, A	4478, Ap	31207, A	13714, A	5, Appli	8203, Ap	12, Appl	26, Appl	30, Appl	28, Appl	32, Appl	9, Appli	Appli	60, Appl	32568, A	

ALIGNMENTS

; TYPE: amino acid STRANDEDNESS: Single ; TOPOLOGY: linear ; MOLECULE TYPE: protein US-08-793-126-1 RESULT 1 US-08-793-126-1 SOFTWARE: PATENTIN Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/793,126 FILING DATE: 07-FER-1997. CLASSIFICATION: 424 ATTORNEY/AGENT INFORMATION: NAME: Baker, Hollie L. REGISTRATION NUMBER: 31,321 REGISTRATION NUMBER: 31,321 REGISTRATION NUMBER: 102286.377 TELECOMMUNICATION INFORMATION: TELEPHONE: (617) 526-6000 TELEPHONE: (617) 526-6000 Sequence 1, Application US/08793126 Patent No. 5849297 Query Match TELEPAX: (617) 526-5000 INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS: LENGTH: 1663 amino acids GENERAL INFORMATION: COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IEM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS NUMBER OF SEQUENCES: 2 CORRESPONDENCE ADDRESS: ADDRESSEE: HALE AND DORR LLP APPLICANT: Harrison, Richard Alexander APPLICANT: Farries, Charles Timothy TITLE OF INVENTION: MODIFIED HUMAN C3 PROTEINS STATE: N STREET: 60 St CITY: Boston 02109 3 60 State Street United States of America Length 1663;

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954 REGVOKEDIPPADLSDOVPDTESETRI 980

REGVQKEDIPPADLSDQVPDTESETRI 27

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Best Loc Matches

Local

US-09-132-271-1

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; LENGTH: 1663
; TYPE: PRT
; ORGANISM: Homo sapiens
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APPLICANT: Farries, Timothy C.
APPLICANT: Harrison, Richard C.
TITLE OF INVENTION: Down-Regulation Resistant C3 Convertase
FILE REFERENCE: 4-30443/A/IMU/PCT
CURRENT APPLICATION NUMBER: US/09/142,334
CURRENT FILING DATE: 1999-04-15
CURRENT FILING DATE: 1999-04-15
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                                                             SEQ ID NO 22
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Patent No. 6268485
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GENERAL INFORMATION:
                                                                                          NUMBER OF SEQ ID NOS:
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                                                                                OFTWARE:
                                                                                                       ARLIER APPLICATION NUMBER: PCT/GB97/00603
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (617) 526-500 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US/09/132,271
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MEDIUM TYPE: Floppy
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APPLICANT: Farries,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/(
FILING DATE: 07-FEB-1997
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OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                            PatentIn Ver.
                                                                                                                                                                                                                                                                                                                                                                                                                                           Similarity
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60 State Street
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NO: 1:
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Charles Timothy
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Pred. No. 5.8e-12;
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
                                                                                                                                          MOLECULE TYPE:
                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
LENGTH: 1642 amino ac
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 07-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/447,411
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                          NAME: Obion, No. 5773243man F. REGISTRATION NUMBER: 24,618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Arlington
STATE: Virginia
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939 GTOLEVIKARKLDDRVPDTEIETKI 963
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                               3 GVOKEDIPPADISDOVPDTESETRI 27
                                                                              Similarity
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1755 S. Jefferson Davis Highway, Suite 400
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BREDEHORST,
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                                                                                                                                      protein
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100.0%; Pred. No. 5.8e-12;
tive 0; Mismatches 0;
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                                                                           Score 63; I
Pred. No. 0.
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                                                          Mismatches
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                                                                                        Length 1642;
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RESULT: 5 US-08-662-227-2

Sequence 2, Application US/08662227 Patent No. 5922320

INFORMATION:
CANT: VOGEL, CARL-WILHELM
CANT: BREDEHORST, REINHOR

KOCK, MICHABL

REINHORST

Result OM protein - protein search, using Database Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries Minimum DB Maximum DB Total number of hits satisfying chosen parameters: Scoring table: Title: Perfect score: Run on: Searched: Sequence: 22543210 26543210 27543210 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution. Score 442. 5555 seq length: 0
seq length: 2000000000 % Query Match BLOSUM62 Gapop 10.0 , Gapext 0.5 August 3, 2004, 16:21:26; Search time 11.5781 Seconds (without alignments) 84.720 Million cell updates/sec US-09-993-290-3 99 Issued_Patents_AA:*

1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/2/iaa/backfiles1.pep:* 389414 seqs, 51625971 residues KVTIKPAPETEKRPQDAKN 19 GenCore version 5.1.6 Copyright (c) 1993 - 2004 Compugen Ltd: Length 80 US-08-793-126-1 US-09-132-271-1 US-09-123-619-22 US-09-125-619-22 US-09-252-991A-30048 US-08-460-512-2 US-08-460-512-2 US-08-460-512-2 US-08-460-512-2 US-09-252-991A-30670 US-09-328-352-7529 US-09-189-270-2 US-09-189-270-3 US-09-189-270-3 US-09-189-270-3 US-09-189-270-3 US-09-189-34A-40 US-09-527-431-40 US-09-527-431-40 US-09-527-991A-1936 US-09-527-991A-1936 US-09-527-991A-19396 US-09-527-991A-19396 8 SUMMARIES model 389414 sequence Description 26, Appl
2, Appl
30670, A
7529, A
7529 1, Appli 1, Appli 22, Appl 22, Appl 6010, Ap 30048, A 4, Appli 26, Appl

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KVTIKPAPETEKRPQDAKN KVTIKPAPETEKRPQDAKN	y	S: single linear : protein	CHARACTERISTICS: 1663 amino aci	(617) 526-	NAME: BAKET, HOILIE L. REGISTRATION NUMBER: 31,321 REFERENCE/DOCKET NUMBER: 10	.01	NUMBER:	35 5	떨		n n	ADDRESS HALE AND	CES:	ă	ğ		99		ω μ				0 0 C	ъ.	113
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	Score 99; Pred. No. ; Mismatc				6.377		126	•		ica			C	Alexander		AL I GNMENTS	-175-5	-071-7	-125-6 -491-5	-252-9 -905-2	-676-5 -199-6	S95-13 S95-13	-530-5 -530-5 295-13	-060-4	-641-7
	; DB 2 . 8.6e- ches							Version #					PROTEINS			TS	81-3	91A-2/ 09-12	19-27 77-86	91A-21 23-422	89-4 37A-32	660-25 660-26	50-25 50-26 640-24	82-8 50-24	41-30
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US-09-132-271-1

Sequence 1,

Application US/09132271

GENERAL INFORMATION:

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US-09-142-334-22
TYPE: PRT ORGANISM: Homo sapiens -09-142-334-22
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                                                                                                                                                                                                                                                                                                                      Sequence 22, Application US/09142334
Patent No. 6268485
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                                                                                                                                                                        APPLICANT: Farries, Timothy C.
APPLICANT: Harrison, Richard A.
APPLICANT: Harrison, Richard A.
TITLE OP INVENTION: Down-Regulation Resistant C3 Convertase
FILE REFERENCE: 4-30443/A/IMU/PCT
CURRENT APPLICATION NUMBER: US/09/142,334
CURRENT FILING DATE: 1999-04-15
                                                                                                                                                                                                                                                                                                  BNERAL INFORMATION:
                                                                                                                     EARLIER APPLICATION NUMBER: PCT/GB97/00603
EARLIER FILING DATE: 1997-03-04
NUMBER OF SEQ ID NOS: 35
                                                                                SOPTWARE: P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELBEAX: (617) 526-5000
NFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                               ENGTH:
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TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/01
FILING DATE: 07-FEB-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         UNUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: HALE AND DORR LLP
STREET: 60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NPPLICANT: Harrison, Richard Alexander
NPPLICANT: Farries, Charles Timothy
TITLE OF INVENTION: MODIFIED HUMAN C3 PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Baker, Hollie L
REGISTRATION NUMBER: :
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100.0%; Pred. No.
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RESULT 6 US-09-252-991A-30048

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; ORGANISM: Borrelia burgdorferi
US-09-125-619-22
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SEQ ID NO 6010
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SEQ ID NO 22
                                                          Matches
                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                Sequence 6010, Application US/09543681A Patent No. 6605709
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Best Local &
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Best Local Similarity
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                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/543,681A
CURRENT FILING DATE: 2000-04-05
PRIOR APPLICATION NUMBER: US 60/128,706
PRIOR FILING DATE: 1999-04-09
                                                                                                                                                                                                                                                                      APPLICANT: GARY BRETON
TITLE OP INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABITITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.1002-001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: UTSH:234
CURRENT APPLICATION NUMBER: US/09/125,619
CURRENT FILING DATE: 1999-01-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ENERAL INFORMATION:
                                                                                                                               TYPE: PRT
ORGANISM: Proteus mirabilis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FITLE OF INVENTION: VMP-I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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                                                                                                                                                                ENGTH: 617
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118
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                            1 KVTIKPAPETEKRPQDAK 18
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KETLKPTLSAAKOPNDAK 135
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WEINSTOCK, GEORG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           JING-REN, ZHANG
HARDHAM, JOHN M.
HOWELL, JERRILYN K.
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                                                          Conservative
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                                                                     46.5%;
50.0%;
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Pred. No.
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                                                          Mismatches
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                                                                           37;
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